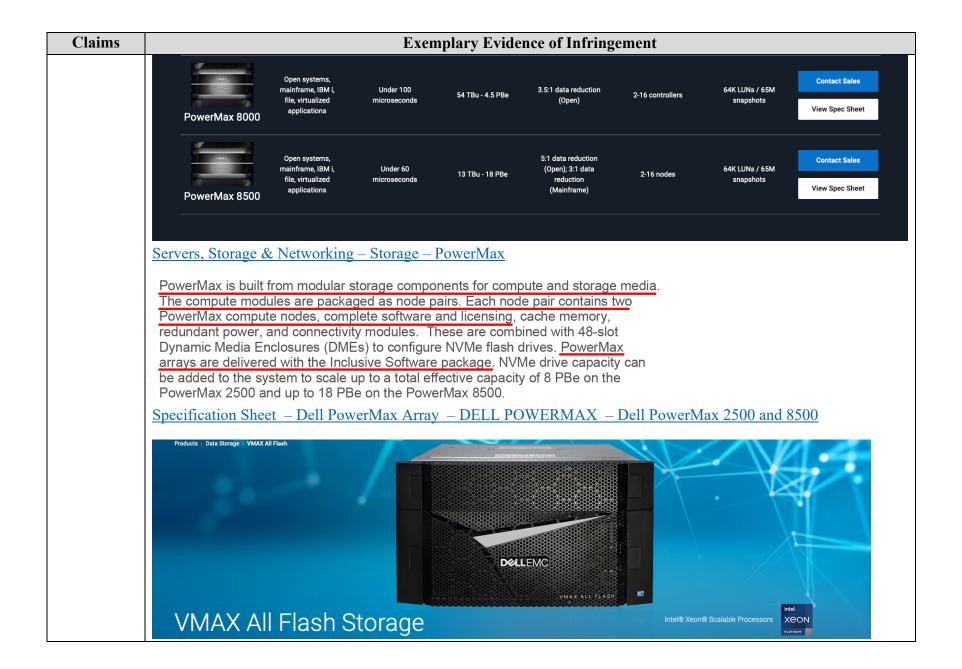
Exhibit 30

CHART FOR U.S. PATENT NO. 8,417,871 ("the '871 Patent")

Accused Products:

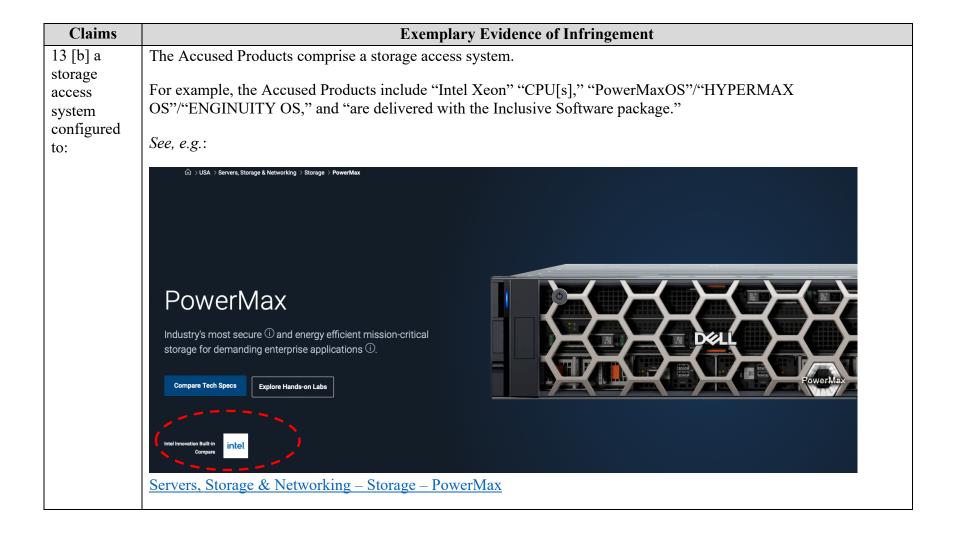
Dell's products, including but not limited to Dell's PowerMax (e.g., PowerMax 2000, 2500, 8000, and 8500), VMAX All Flash (e.g., VMAX 250F, 450F, 850F, and 950F), and EMC VMAX (e.g., VMAX 100K, 200K, and 400K) ("Accused Products"), infringe at least Claim 13 of the '871 Patent.

Claims	Exemplary Evidence of Infringement				
13. An apparatus, comprising:	For example, the Accused Products comprise "modular storage components for compute and storage media" where the "compute modules are packaged as node pairs [and e]ach node pair contains two PowerMax compute nodes, complete software and licensing."				
	See, e.g.:				
	MODELS WORKLOAD DATA TYPE RESPONSE TIMES (LOWER CAPACITY PER ARRAY DATA REDUCTION NODES PER ARRAY (FOR MAX NUMBER OF DEVICES GUARANTEE © SCALEOUT) / SECURE SNAPSHOTS				
	Block, file, IBM i, virtualized applications Note that the provided interest of the provided in				
	Open systems, mainframe, IBM i, Under 60 13 TBu - 8 PBe (Open); 3:1 data reduction (Open); 3:1 data reduction reduction applications (Mainframe) Contact Sales Contact Sales View Spec Sheet				

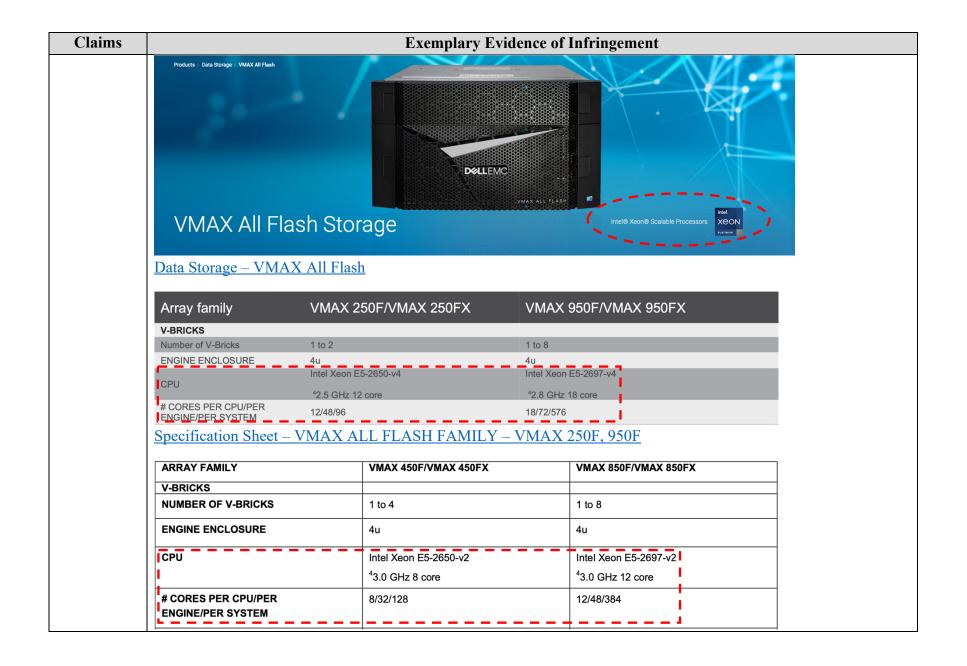


Claims	Exemplary Evidence of Infringement			
	Data Storage – VMAX All Flash			
	«Storage EMC VMAX			
	EMC VMAX ³ AUTOMATE. MODERNIZE. CONSOLIDATE.			
	Automate service level delivery. Modernize the data center. Consolidate critical systems. Deliver more on a trusted enterprise data services platform.			
	Entry Point Ultimate Versatility The Ultimate Consolidator Up to 500 TB Capacity Up to 2 PB Capacity Up to 4 PB Capacity EMC VMAX 100K EMC VMAX 200K EMC VMAX 400K more			
	Storage – EMC VMAX			
13 [a] storage	The Accused Products comprise storage elements.			
elements;	For example, the Accused Products combine "all physical storage capacity into Storage Resource Pools (SRPs)," which "consist of Disk Groups which contain [] a collection of hard drives." For example, "hard drives in each disk group are split into back-end data segments called TDATs" and "TDATs are placed into an associated Storage Tier."			
	See, e.g.:			

Claims	Exemplary Evidence of Infringement
	PowerMax Storage Resource Pools overview
	In PowerMax, all physical storage capacity is combined into Storage Resource Pools (SRPs). At the lowest levels, SRPs consist of Disk Groups which contain of a collection of hard drives sharing the same technology and performance characteristics. The hard drives in each disk group are split into individual back-end data device segments called TDATs. The TDATs are placed into an associated Storage Tier.
	An SRP is the collection of the total capacity of all its Storage Tiers – regardless of the underlying disk technology which the storage tiers are associated with. This physical capacity stored within an SRP is referred to its usable capacity (TBu). This usable capacity is accessed by hosts using thinly provisioned front-end storage devices called TDEVs. TDEVs are virtual representation of the SRP physical capacity which also considers overprovisioning and data reduction efficiencies. For example, an array with a single SRP which has 26 TBu, could be provisioned for 78 TB of host facing TDEV
	capacity when a data reduction ratio of 3:1 is applied. This 78 TB of virtualized host facing TDEV capacity is referred to be the effective capacity (TBe) of the SRP. When a PowerMax is sized, both the usable capacity and effective capacity are considered. The total usable capacity (TBu) is the primary driver for sizing hard-drive-layout configurations. The effective capacity (TBe) is a primary driver when sizing PowerMax cache.
	Host provisioned TDEVs to are placed into a storage group and assigned a Service Level. When a host writes application data to its provisioned TDEVs, this data is distributed across all the storage tiers within the SRP. Which storage tier the data is placed on within the SRP is governed by the Automated Data Placement (ADP) utility. ADP uses the PowerMax internal machine learning engine to employ predictive analytics and pattern recognition algorithms to place the data at the optimal physical location to ensure that the response time requirements for the assigned service level are met.
	Dell EMC PowerMax: Family Overview



Exemplary Evidence of Infringement				
Array family	PowerMax 2500	PowerMax 8500		
Node Pairs				
NUMBER OF NODE PAIRS	1 to 2	1 to 8		
NODE PAIR MODULE	3U	3U		
CPU	Memory config 1-3: Intel Xeon Gold 5218 2.8 GHz with 16 core ¹ Memory config 4: Intel Xeon Gold 6240L	Memory config 2-3: Intel Xeon Gold 6254 3.9 GHz with 18 core ¹ Memory Config 4: Intel Xeon Gold 8280L		
CORE NUMBER PER CPU/PER NODE PAIR/PE SYSTEM	Memcfg 1-3: 16/64/128 Memcfg 4: 18/72/144 ⁵	Memcfg 1-3: 18/72/576 Memcfg 4: 20/80/608 ^{4,5}		
Specification Sheet – Dell Po	owerMax Array – DELL POWERN	MAX – Dell PowerMax 2500 a		
Array family	PowerMax 2000	PowerMax 8000		
Bricks/zBricks				
Number of Bricks or zBricks ⁵	1 to 2	1 to 8		
ENGINE ENCLOSURE	4u	4u		
CPU	Intel Xeon E5-2650-v4 2.5 GHz 12 core ⁴	Intel Xeon E5-2697-v4 2.8 GHz 18 core ⁴		
# CORES PER CPU/PER ENGINE/PER SYSTEM	12/48/96	18/72/576		
Specification Sheet – POWER	RMAX FAMILY – PowerMax 200	00 and 8000		



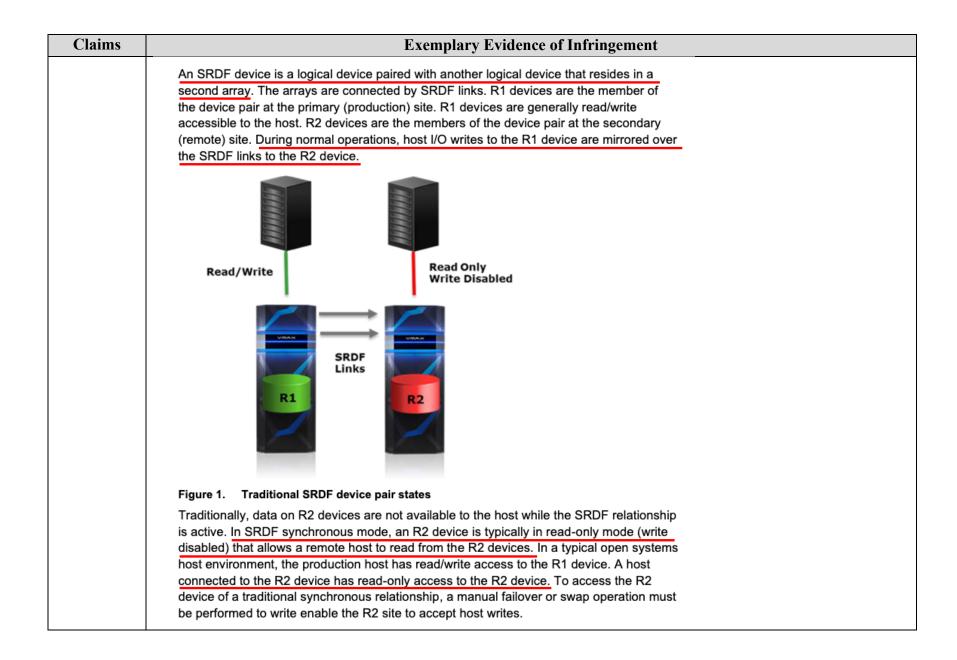
Claims	Exemplary Evidence of Infringement						
	Specification Sheet – V	Specification Sheet – VMAX ALL FLASH FAMILY – VMAX 450F, 850F					
	VMAX3 FAMILY SPECIFICA	ATIONS					
	VMAX3 ARRAY	VMAX 100K	VMAX 200K	VMAX 400K			
	ENGINE Number of Engines supported	1 to 2	1 to 4	1 to 8			
	Engine Enclosure	4u	4u	4u			
	CPU	Intel Xeon E5-2620-v2	Intel Xeon E5-2650-v2	Intel Xeon E5-2697-v2			
	I	2.1 GHz 6 core	2.6 GHz 8 core	2.7 GHz 12 core			
	Dynamic Virtual Matrix BW	700GB/s	700GB/s	1400GB/s			
	# Cores per CPU/per Engine/per System	6/24/48	8/32/128	12/48/384			
		ELL EMC VMAX3 FA	MILY – VMAX 100K,	200K, 400K			
	The compute modules a PowerMax compute nod redundant power, and compute power, and compute modules arrays are delivered with be added to the system PowerMax 2500 and up	erMax is built from modular storage components for compute and storage media. compute modules are packaged as node pairs. Each node pair contains two erMax compute nodes, complete software and licensing, cache memory, and connectivity modules. These are combined with 48-slot amic Media Enclosures (DMEs) to configure NVMe flash drives. PowerMax are delivered with the Inclusive Software package. NVMe drive capacity can added to the system to scale up to a total effective capacity of 8 PBe on the erMax 2500 and up to 18 PBe on the PowerMax 8500. Strication Sheet — Dell PowerMax Array — DELL POWERMAX — Dell PowerMax 2500 and 8500					
13 [b][i] perform write operations configured	one at a time so a numb elements are being writt associated with a selectary	er of the storage elementen with the data, wherein able performance index.	ts remain available for r n the number of storage	ne data into the storage elead operations while the elements available for the	other storage ne read operations is		
to write same data into the	"Symmetrix Remote Da	ta Facility (SRDF)" and	"[h]igh availability wit	'including "[r]emote repl h SRDF/Metro." For exa in a second array" and "	ample, a "SRDF		

Claims	Exemplary Evidence of Infringement
storage elements sequentially one at a time so a number of the storage elements remain available for read operations while the other storage elements are being written with the data, wherein the number of	operations, host I/O writes to the R1 device are mirrored over the SRDF links to the R2 device." For example, in "SRDF synchronous mode, an R2 device is typically in read-only mode (write disabled) that allows a remote host to read from the R2 devices" and a "host connected to the R2 device has read-only access to the R2 device." For example, the Accused Products "are preconfigured with service levels" that are used to "specify the performance objectives" and "ensure that applications have consistent and predictable performance," where a "service level is the response time target for the storage group." For example, the "[t]arget response time" is the "average response time expected for the storage group based on the selected service level," and along with a "target response time, service levels also have either an upper response time limit or both an upper and lower response time limit." For example, "[u]sers may set the required service level objective (SLO) independently on both source and target SRDF/Metro paired arrays." See, e.g.: PowerMax Data Services help protect, manage, and move customer data on the array. These services run natively or embedded inside the PowerMax itself using the PowerMaxOS hypervisor to provide a resource abstraction layer. This allows the data services to share array resources — CPU cores, cache, and bandwidth. Doing this optimizes performance across the entire system and reduces complexity in the environment as resources do not need to be dedicated. Some of the most sought-after data services that are offered with the PowerMax product line are:
storage elements available for the read operations is associated with a selectable performance index;	 Remote replication with SRDF High Availability with SRDF/Metro Local replication with TimeFinder SnapVX Embedded NAS (eNAS) Embedded Unisphere for PowerMax (eManagement) Next-Generation PowerMax Family Overview

Claims	Exemplary Evidence of Infringement
	PowerMax Storage Resource Pools overview
	In PowerMax, all physical storage capacity is combined into Storage Resource Pools (SRPs). At the lowest levels, SRPs consist of Disk Groups which contain of a collection of hard drives sharing the same technology and performance characteristics. The hard drives in each disk group are split into individual back-end data device segments called TDATs. The TDATs are placed into an associated Storage Tier.
	An SRP is the collection of the total capacity of all its Storage Tiers – regardless of the underlying disk technology which the storage tiers are associated with. This physical capacity stored within an SRP is referred to its usable capacity (TBu). This usable capacity is accessed by hosts using thinly provisioned front-end storage devices called TDEVs. TDEVs are virtual representation of the SRP physical capacity which also considers overprovisioning and data reduction efficiencies. For example, an array with a single SRP which has 26 TBu, could be provisioned for 78 TB of host facing TDEV
	capacity when a data reduction ratio of 3:1 is applied. This 78 TB of virtualized host facing TDEV capacity is referred to be the effective capacity (TBe) of the SRP. When a PowerMax is sized, both the usable capacity and effective capacity are considered. The total usable capacity (TBu) is the primary driver for sizing hard-drive-layout configurations. The effective capacity (TBe) is a primary driver when sizing PowerMax cache.
	Host provisioned TDEVs to are placed into a storage group and assigned a Service Level. When a host writes application data to its provisioned TDEVs, this data is distributed across all the storage tiers within the SRP. Which storage tier the data is placed on within the SRP is governed by the Automated Data Placement (ADP) utility. ADP uses the PowerMax internal machine learning engine to employ predictive analytics and pattern recognition algorithms to place the data at the optimal physical location to ensure that the response time requirements for the assigned service level are met.
	Dell EMC PowerMax: Family Overview

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Claims	Exemplary Evidence of Infringement
	The Symmetrix Remote Data Facility (SRDF) maintains real-time (or near real-time) copies of data on a production storage array at one or more remote storage arrays. SRDF has three primary applications:
	Disaster recovery
	High availability
	Data migration
	Dell EMC SRDF Introduction



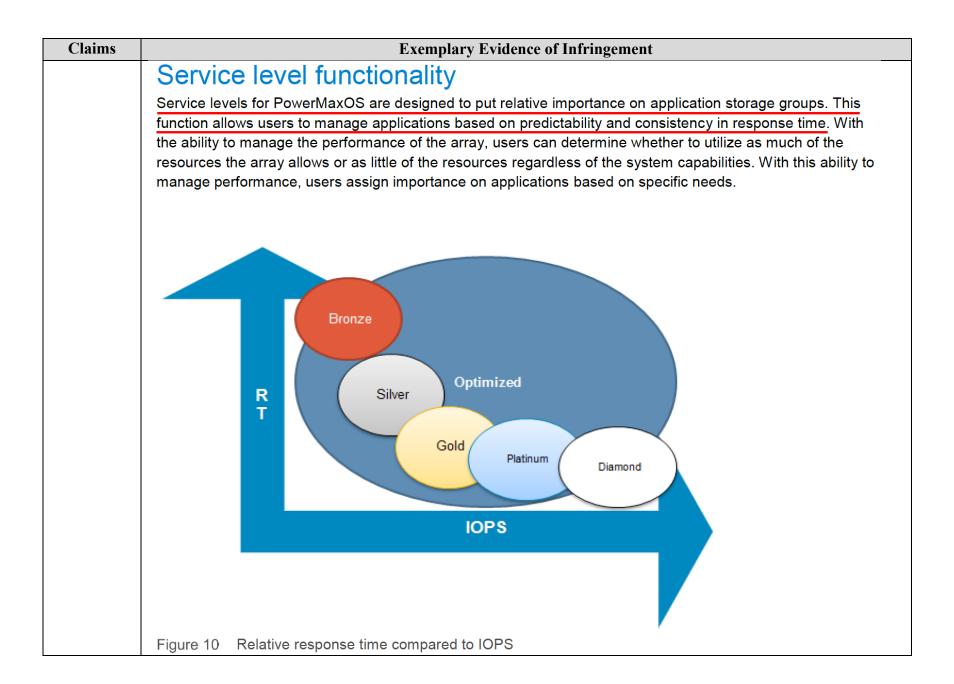
Claims	Exemplary Evidence of Infringement
	Performance statistic exchange begins once the SRDF/Metro Active mode and
	ActiveActive or ActiveBias pair state have been achieved. Each side then incorporates
	the FAST statistics from the other side to ensure each side represents the workload as a
	whole (R1+R2 workload). Users may set the required service level objective (SLO)
	independently on both source and target SRDF/Metro paired arrays. There are currently
	no restrictions in this area as FAST data movement is transparent from SRDF/Metro.
	Dell PowerMax and VMAX All Flash: SRDF/Metro Overview and Best Practices
	A service level is the response time target for the storage group. The service level enables you set the storage array with the desired response time target for the storage group.
	It automatically monitors and adapts to the workload to maintain (or meet) the response time target. The service level includes an optional workload type. The optional workload type can be used to further tune expectations for the workload storage group to provide enough flash to meet your performance objective.

Claims	Exemplary Evidence of Infringement
	By default, storage systems running HYPERMAX OS 5977 or higher are preconfigured with a single Storage Resource Pool (SRP). The SRP contains all the hard disks on the system that is organized into disk groups by technology, capacity, rotational speed, and RAID protection type. Storage administrators can view all SRPs configured on the system, and the demand that storage groups are placing on them.
	Storage systems are also preconfigured with several service levels and workloads. Storage administrators use the service levels and workloads to specify the performance objectives for the application they are provisioning.
	When provisioning storage for an application, storage administrators assign the appropriate SRP, service level, and workload to the storage group containing the LUNs associated with the application.
	User created TDEVs associated to storage groups Service Levels Storage Groups Diamond Platinum Gold VP_ProdApp1 Storage Resource Pool 0 (Default)
	Pools Pool 0 RAID 5 (7+1) Physical Disk Groups Pool 1 Pool 2 RAID 5 (3+1) Pool 3 RAID 6 (6+2) DG 0 Pool 3 RAID 6 (6+2) DG 3 15K 300GB TOK 600GB
	Factory Pre-configuration

Claims	Exemplary Evidence of Infringement
	Dell EMC Unisphere for PowerMax Product Guide
	PowerMaxOS: Beginning with 5978, the operating environment run on PowerMax and VMAX All Flash systems.
	Storage group (SG): A logical grouping of thin devices that are provisioned and associated with a particular application.
	Response time (RT): The total amount of time it takes to respond to a request for service.
	Target response time: The average response time expected for the storage group based on the selected
	service level.
	Upper response time limit: The maximum response time specified by the selected service level.
	Lower response time limit: The minimum response time specified by the selected service level.
	Service levels for PowerMaxOS ensure that applications have consistent and predictable performance by
	allowing users to separate storage groups based on performance requirements and business importance.
	PowerMaxOS allows you to set specific service levels to ensure the highest-priority application response
	times are not impacted by lower-priority applications. The available service levels are defined in PowerMaxOS
	and can be applied at the creation of a storage group or can be modified to an existing storage group at any
	time.

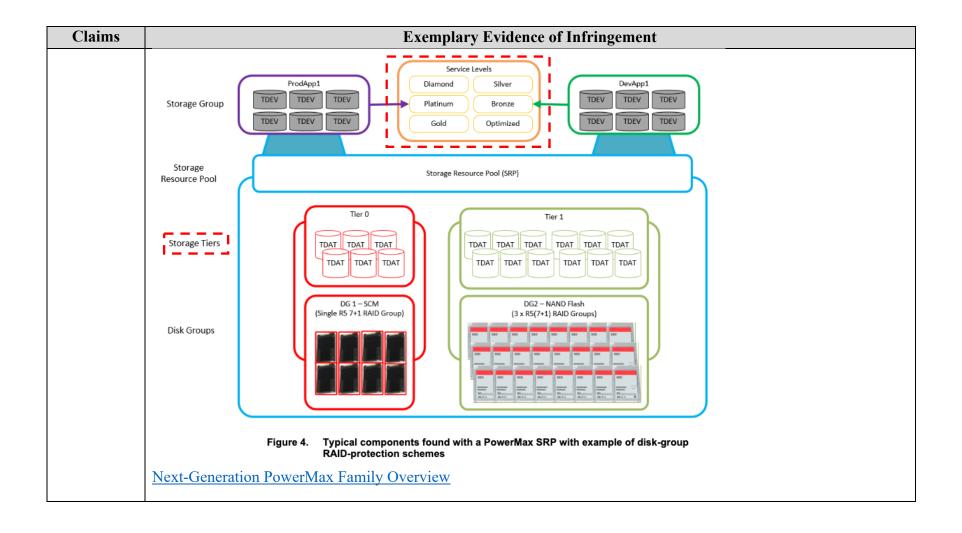
Claims	Exemplary Evidence of Infringement						
	Service level optio	ns					
	Service levels are offered with	n various range	s of performa	nce expecta	tions which a	are defined by	y their own
	characteristics of a target resp						
	the storage group based on the						e levels also
	have either an upper respons	e time limit or t	ooin an upper	and lower re	esponse ume	ilmit.	
	The service levels offered are	detailed in Tal	ble 1. All serv	ice levels sh	own, with the	exception o	f Optimized,
	have a target response time.						
	Table 1 Service levels for	PowerMaxOS					
	Service level	Diamond	Platinum	Gold	Silver	Bronze	Optimized
	Target response time	✓	✓	✓	✓	✓	
	Upper response time limit	✓	✓	✓	✓	✓	
	Lower response time limit				✓	✓	
		Highest Priority and performance Lowes					Lowest
	Diamond, Platinum, and Go upper response time limit but possible.			_		•	

	Exemplary Evidence of Infringement				
	Silver and Bronze: These service levels have both an upper and lower limit designed to allow higher-priority service levels to be unaffected. These are managed such that their average response time will be greater than or equal to the lower response time limit.				
	Optimized: This service level does not have a target response time nor an upper or lower limit. Optimized is designed to use all allowable resources, equal to that of Diamond, and is not managed to assist any other service level. Storage groups set with any other service level will also not be managed to assist storage groups set Optimized. Optimized should be used on systems where application performance and consistency are not of relative importance and should not be mixed on systems with other service levels. The following table shows the target response time for each service level along with an indication of the lower				
response time.					
	Table 2 Service	e level response times		1	
	Service level	Target response time	Lower response time		
	Diamond	0.6 ms*	None		
	Platinum	0.8 ms*	None		
	Gold	1 ms	None		
	Silver	3.6 ms	~3.6 ms		
	Bronze	7.2 ms	~7.2 ms		
	Optimized	N/A	N/A		
Setting service levels Service levels can be applied to a storage group when either creating a new storage group or by modifying an existing storage group. Users also have the ability to change service levels at any time to apply the desired					
response time performance expectation.					

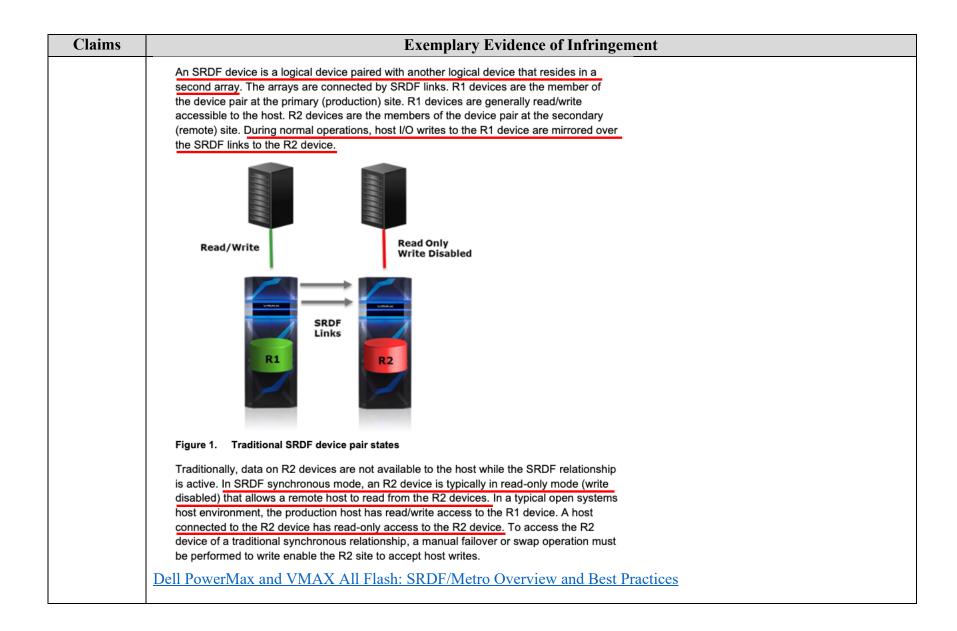


Claims	Exemplary Evidence of Infringement	
	Figure 13 illustrates service levels as they apply to the response-time upper and lower limits and shows how host I/O limits relate to setting the maximum allowable throughput IOPS.	
	Upper RT Limit Max	
	Host I/O Limit Lower RT Limit	
	(if applicable)	
	Figure 13 Service level management relative to host I/O limits	
	<u>Technical White Paper – Dell EMC PowerMax: Service Levels for PowerMaxOS</u>	
13 [b][ii] map read addresses	As configured, the Accused Products map read addresses for the read operations to multiple different ones of the storage elements not currently being used for the write operations.	
for the read operations to multiple	For example, the Accused Products combine "all physical storage capacity into Storage Resource Pools (SRPs)," which "consist of Disk Groups which contain [] a collection of hard drives." For example, the "hard drives in each disk group are split into back-end data segments called TDATs" and "TDATs are placed into an associated Storage	

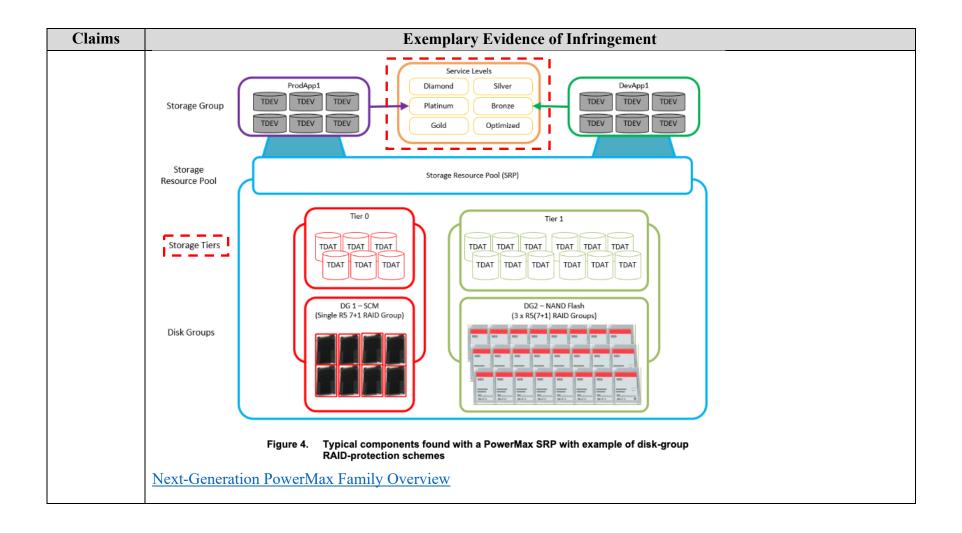
Claims	Exemplary Evidence of Infringement	
different	Tier." For example, the "useable capacity of" an "SRP" is "accessed by hosts using thinly-provisioned front-end	
ones of the	devices called TDEVs," where "TDEVs are [a] virtual representation of the SRP physical capacity" and "are placed	
storage	into a storage group and assigned a Service Level." For example, the Accused Products provide "PowerMax Data	
elements not		
currently	availability with SDRF/Metro." For example, a "SRDF device is a logical device paired with another logical device	
being used	that resides in a second array" and "[d]uring normal operations, host I/O writes to the R1 device are mirrored over the	
for the write	SRDF links to the R2 device." For example, in "SRDF synchronous mode, an R2 device is typically in read-only mode (write disabled) that allows a remote host to read from the R2 devices" and a "host connected to the R2 device	
operations; and	has read-only access to the R2 device."	
and	has read-only access to the R2 device.	
	See, e.g.:	
	High Availability with SRDF/Metro	
	Local replication with TimeFinder SnapVX	
	Embedded NAS (eNAS)	
	Embedded Unisphere for PowerMax (eManagement)	
	Remote replication with SRDF	
	High Availability with SRDF/Metro	
	Local replication with TimeFinder SnapVX	
	Embedded NAS (eNAS)	
	Embedded Unisphere for PowerMax (eManagement)	



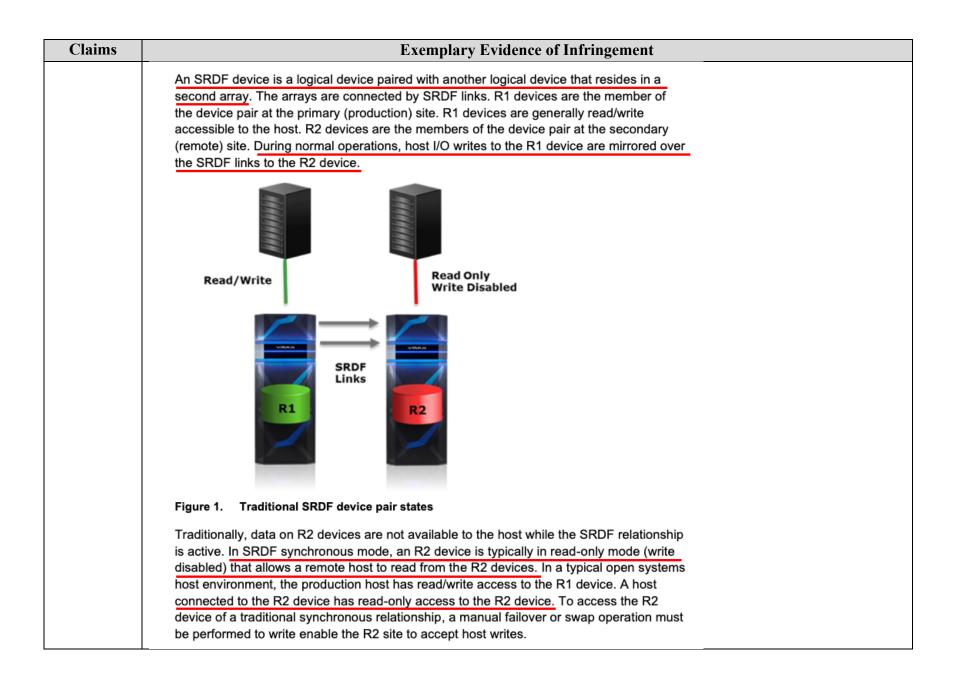
Claims	Exemplary Evidence of Infringement
	PowerMax Storage Resource Pools overview
	In PowerMax, all physical storage capacity is combined into Storage Resource Pools (SRPs). At the lowest levels, SRPs consist of Disk Groups which contain of a collection of hard drives sharing the same technology and performance characteristics. The hard drives in each disk group are split into individual back-end data device segments called TDATs. The TDATs are placed into an associated Storage Tier.
	An SRP is the collection of the total capacity of all its Storage Tiers – regardless of the underlying disk technology which the storage tiers are associated with. This physical capacity stored within an SRP is referred to its usable capacity (TBu). This usable capacity is accessed by hosts using thinly provisioned front-end storage devices called TDEVs. TDEVs are virtual representation of the SRP physical capacity which also considers overprovisioning and data reduction efficiencies. For example, an array with a single SRP which has 26 TBu, could be provisioned for 78 TB of host facing TDEV
	capacity when a data reduction ratio of 3:1 is applied. This 78 TB of virtualized host facing TDEV capacity is referred to be the effective capacity (TBe) of the SRP. When a PowerMax is sized, both the usable capacity and effective capacity are considered. The total usable capacity (TBu) is the primary driver for sizing hard-drive-layout configurations. The effective capacity (TBe) is a primary driver when sizing PowerMax cache.
	Host provisioned TDEVs to are placed into a storage group and assigned a Service Level. When a host writes application data to its provisioned TDEVs, this data is distributed across all the storage tiers within the SRP. Which storage tier the data is placed on within the SRP is governed by the Automated Data Placement (ADP) utility. ADP uses the PowerMax internal machine learning engine to employ predictive analytics and pattern recognition algorithms to place the data at the optimal physical location to ensure that the response time requirements for the assigned service level are met.
	Dell EMC PowerMax: Family Overview



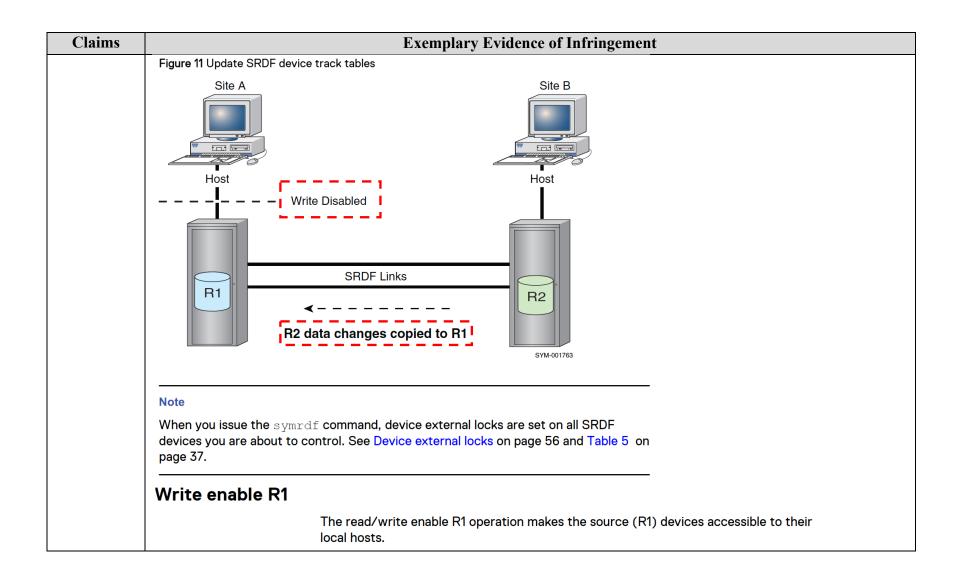
Claims	Exemplary Evidence of Infringement
13 [b] [iii]	The Accused Products concurrently read data during the read operations from the number of the storage elements
concurrently	associated with the performance index and not currently being used by the write operations.
read data during the read operations from the number of the storage elements associated with the performance index and not currently being used by the write	For example, the Accused Products combine "all physical storage capacity into Storage Resource Pools (SRPs)" which "consist of Disk Groups which contain [] a collection of hard drives." For example, the "hard drives in each disk group are split into back-end data segments called TDATs" and "TDATs are placed into an associated Storage Tier." For example, the "useable capacity of" an "SRP" is "accessed by hosts using thinly-provisioned front-end devices called TDEVs," where "TDEVs are [a] virtual representation of the SRP physical capacity" and "are placed into a storage group and assigned a Service Level." For example, the Accused Products provide "PowerMax Data Services" including "[r]emote replication" with the "Symmetrix Remote Data Facility (SRDF)" and "[h]igh availability with SDRF/Metro." For example, a "SRDF device is a logical device paired with another logical device that resides in a second array" and "[d]uring normal operations, host I/O writes to the R1 device are mirrored over the SRDF links to the R2 device." For example, in "SRDF synchronous mode, an R2 device is typically in read-only mode (write disabled) that allows a remote host to read from the R2 devices" and a "host connected to the R2 device has read-only access to the R2 device." For example, the Accused Products include a "write_disable operation [that] sets source devices as write disabled to their local hosts." For example, "[u]sers may set the required service level objective (SLO) independently on both source and target SRDF/Metro paired arrays."
operations.	See, e.g.:
	High Availability with SRDF/Metro
	Local replication with TimeFinder SnapVX
	Embedded NAS (eNAS)
	Embedded Unisphere for PowerMax (eManagement)
	Remote replication with SRDF
	High Availability with SRDF/Metro
	Local replication with TimeFinder SnapVX
	Embedded NAS (eNAS)
	Embedded Unisphere for PowerMax (eManagement)



Claims	Exemplary Evidence of Infringement
	PowerMax Storage Resource Pools overview
	In PowerMax, all physical storage capacity is combined into Storage Resource Pools (SRPs). At the lowest levels, SRPs consist of Disk Groups which contain of a collection of hard drives sharing the same technology and performance characteristics. The hard drives in each disk group are split into individual back-end data device segments called TDATs. The TDATs are placed into an associated Storage Tier.
	An SRP is the collection of the total capacity of all its Storage Tiers – regardless of the underlying disk technology which the storage tiers are associated with. This physical capacity stored within an SRP is referred to its usable capacity (TBu). This usable capacity is accessed by hosts using thinly provisioned front-end storage devices called TDEVs. TDEVs are virtual representation of the SRP physical capacity which also considers overprovisioning and data reduction efficiencies. For example, an array with a single SRP which has 26 TBu, could be provisioned for 78 TB of host facing TDEV
	capacity when a data reduction ratio of 3:1 is applied. This 78 TB of virtualized host facing TDEV capacity is referred to be the effective capacity (TBe) of the SRP. When a PowerMax is sized, both the usable capacity and effective capacity are considered. The total usable capacity (TBu) is the primary driver for sizing hard-drive-layout configurations. The effective capacity (TBe) is a primary driver when sizing PowerMax cache.
	Host provisioned TDEVs to are placed into a storage group and assigned a Service Level. When a host writes application data to its provisioned TDEVs, this data is distributed across all the storage tiers within the SRP. Which storage tier the data is placed on within the SRP is governed by the Automated Data Placement (ADP) utility. ADP uses the PowerMax internal machine learning engine to employ predictive analytics and pattern recognition algorithms to place the data at the optimal physical location to ensure that the response time requirements for the assigned service level are met. Dell EMC PowerMax: Family Overview
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Claims		Exemplary Evidence of Infringement
	Performance statistic exchange begins once the SRDF/Metro Active mode and ActiveActive or ActiveBias pair state have been achieved. Each side then incorporates the FAST statistics from the other side to ensure each side represents the workload as a whole (R1+R2 workload). Users may set the required service level objective (SLO) independently on both source and target SRDF/Metro paired arrays. There are currently no restrictions in this area as FAST data movement is transparent from SRDF/Metro.	
	State SyncInProg	Synchronization is currently in progress between the R1 and the R2 devices. Percent Done: not 100% (The background copy is not complete) The copy direction could be R1→R2 or R1←R2. RDF Device Link Status: Ready (RW) MetroR1, host accessible Device RDF State: Ready (RW) Device SA Status: If mapped, Ready (RW) If unmapped, N/A Device Status: Ready (RW) The MetroR2, not host accessible Device RDF State: Write Disabled (WD) Device SA Status: If mapped, Ready (RW) Percent Device SA Status: If mapped, Ready (RW) Percent Device SA Status: If mapped, Ready (RW) Percent Device Status: Not Ready (NR)
	Dell PowerMax and VMAX All Flash:	SRDF/Metro Overview and Best Practices



Claims		Exemplary Evidence of Infringement
		Syntax Use rw_enable r1 for a device group, composite group, or device file:
		<pre>symrdf -g DgName rw_enable r1 symrdf -cg CgName rw_enable r1 symrdf -f[ile] FileName rw_enable r1</pre>
		Examples To enable all the source (R1) mirrors in all the SRDF pairs in device group prod: symrdf -g prod rw_enable r1
	Write disable R1	
		The write disable R1 operation sets the source (R1) devices as write disabled to their local hosts.
		Syntax Use write_disable r1 for a device group, composite group, storage group, or device file:
		<pre>symrdf -g DgName write_disable r1 symrdf -cg CgName write_disable r1 symrdf -sg SgName write_disable r1 symrdf -f[ile] FileName write_disable r1</pre>
		Examples To write disable all the source (R1) mirrors in the SRDF pairs in device group prod:
		symrdf -g prod write_disable r1
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